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(FILE 'HOME' ENTERED AT 14:20:24 ON 25 SEP 2002)

FILE 'CA, USPATFULL, JAPIO, EUROPATFULL' ENTERED AT 14:22:20 ON 25 SEP 2002

L1 0 S ERUCAMIDE
L2 1837 S ERUCAMIDE

FILE 'ENCOMPAT' ENTERED AT 14:23:58 ON 25 SEP 2002

L3 8 S L2
L4 8 S ERUCAMIDE
E ERUCAMIDE

FILE 'HCAPLUS' ENTERED AT 14:37:23 ON 25 SEP 2002

L5 E ERUCAMIDE
0 S E2 E3 E7
E ERUCAMIDE/CT
E E3+ALL
L6 804 S E4-E7
E STEARAMIDE
E E3+ALL
E STEARAMIDE/CT
E E3+ALL
L7 2051 S E4-E6
L8 222 S L6 (W) L7
L9 26736 S NONWOVEN OR NON-WOVEN OR UNWOVEN
L10 244902 S POLYPROPYLENE OR PROPYLENE
L11 6137 S L9 AND L10
L12 2 S L8 AND L11
S 112-84-5/REG#

FILE 'REGISTRY' ENTERED AT 14:56:11 ON 25 SEP 2002
L13 1 S 112-84-5/RN

FILE 'HCAPLUS' ENTERED AT 14:56:11 ON 25 SEP 2002
L14 804 S L13
S 124-26-5/REG#

FILE 'REGISTRY' ENTERED AT 14:56:20 ON 25 SEP 2002
L15 1 S 124-26-5/RN

FILE 'HCAPLUS' ENTERED AT 14:56:20 ON 25 SEP 2002
L16 2051 S L15

FILE 'USPATFULL, JAPIO, EUROPATFULL' ENTERED AT 14:56:38 ON 25 SEP 2002
L17 153 S L13
L18 355 S L15
L19 59 S L17 AND L18
L20 409151 S L10
L21 43 S L19 AND L20
L22 82610 S L9
L23 1 S L21 AND L22

FILE 'HCAPLUS' ENTERED AT 14:59:42 ON 25 SEP 2002
L24 222 S L6 AND L7
L25 2 S L11 AND L24

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L12 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1996:728213 HCAPLUS
DOCUMENT NUMBER: 125:331447
TITLE: **Propylene** polymer heat-bondable fibers with
soft handle and **nonwoven** fabrics therefrom
INVENTOR(S): Takahashi, Tetsuya; Nakamura, Akira; Kotani, Terumitsu
PATENT ASSIGNEE(S): Showa Denko Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
INT. PATENT CLASSIF.:
MAIN: D01F006-46
SECONDARY: A61F013-54; A61F013-15; C08F010-06; C08K003-36;
C08K005-20; C08L023-10; D04H001-54
ADDITIONAL: D01D001-02
CLASSIFICATION: 40-2 (Textiles and Fibers)
Section cross-reference(s): 63
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08246232	A2	19960924	JP 1995-80761	19950313

ABSTRACT:

Title fibers are prepd. by melt spinning compns. contg. **polypropylene** (I) and 0.01-3.0% silica derivs. and/or fatty acid amides and exhibiting temp. of crystn. $< (0.094CE^2 - 4.12CE + 127) . \text{degree}$. (CE = ethylene content in %; 0 .ltoreq. CE .ltoreq. 8). The nonwovens are useful for diapers and sanitary napkins (no data). A compn. contg. I and 0.1% erucamide was pelletized, melt spun, crimped, made into a carded web, and bonded at 142.degree. to give a ***nonwoven*** fabric showing softness rating (A best, D worst) A.

SUPPL. TERM: **polypropylene** fiber heat bondable manuf;
nonwoven polypropylene fiber soft handle;
silica **polypropylene** fiber heat bondable;
erucamide **polypropylene** fiber heat bondable;
diaper **polypropylene** fiber **nonwoven** soft
handle; sanitary napkin **polypropylene** fiber
nonwoven
INDEX TERM: Polypropene fibers, uses
ROLE: BUU (Biological use, unclassified); POF (Polymer in
formulation); PRP (Properties); BIOL (Biological study);
USES (Uses)
(manuf. of heat-bondable fibers for nonwovens with soft
handle)
INDEX TERM: Diapers
(**propylene** polymer heat-bondable fibers for
nonwoven fabrics with soft handle for)
INDEX TERM: Polyolefin fibers
Polypropene fibers, uses
ROLE: BUU (Biological use, unclassified); POF (Polymer in
formulation); PRP (Properties); BIOL (Biological study);
USES (Uses)
(ethylene-propene, manuf. of heat-bondable fibers for
nonwovens with soft handle)
INDEX TERM: Amides
ROLE: MOA (Modifier or additive use); USES (Uses)
(fatty, **propylene** polymer heat-bondable fibers
for nonwovens with soft handle contg.)
INDEX TERM: Medical goods
(sanitary napkins, **propylene** polymer

heat-bondable fibers for **nonwoven** fabrics with
soft handle for)

INDEX TERM: 7631-86-9, Silica, uses
ROLE: MOA (Modifier or additive use); USES (Uses)
(additive; **propylene** polymer heat-bondable
fibers for nonwovens with soft handle contg.)

INDEX TERM: 25085-53-4, Isotactic **polypropylene** 56453-76-0,
Isotactic ethylene-**propylene** copolymer
ROLE: BUU (Biological use, unclassified); POF (Polymer in
formulation); PRP (Properties); BIOL (Biological study);
USES (Uses)
(fiber; manuf. of heat-bondable fibers for nonwovens with
soft handle)

INDEX TERM: 112-84-5, Erucamide 124-26-5, Stearamide
301-02-0, Oleic acid amide
ROLE: MOA (Modifier or additive use); USES (Uses)
(**propylene** polymer heat-bondable fibers for
nonwovens with soft handle contg.)